

## ABSTRACT

A system and method to use a wired network to extend radio coverage of a wireless network is described. With respect to one embodiment, the method comprises converting incoming wireless signals sent by a wireless unit 5 to intermediate frequency (IF) signals. The method further comprises transmitting the converted IF signals over a wired network and retrieving the transmitted IF signals from the wired network. In addition, the method comprises converting the retrieved IF signals to digital data that can be routed to a destination.

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